EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	801	(priority near3 (type set)).ab,ti.	US-PGPUB; USPAT	OR	ON	2007/08/05 10:03
L2	203	priority with deadline with task	US-PGPUB; USPAT	OR	ON	2007/08/05 10:04
L3	3	1 and 2	US-PGPUB; USPAT	OR	ON	2007/08/05 10:04
L4	22845951	@ad<"20020726"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:08
L6	1	(US-20030172104-$).did.	US-PGPUB	OR	OFF	2007/08/05 10:07
L7	0	(US-20030172104-$).did. and tcb	US-PGPUB	OR	OFF	2007/08/05 10:08
L8	6399	(task with (id identifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:08
L9	35760	priority with (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:09
L10	1994	deadline with (task process priority)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:09
L11	94	8 and 9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:09
L12	32	4 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:10

L13	2	12 and (tcb dcb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:11
L14	2064	priority with hierarchy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:11
L15	2	12 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:13
L16	1956	(multiple plurality) with priority with type	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:13
L17	1	12 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:13
L18	271	((multiple plurality) with priority with type).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:15
L19	171	4 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:14
L20	46	9 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:14

EAST Search History

L21	46	20 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:14
L22	75	((multiple plurality) with (priority near2 type)).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:15
L23	12	9 and 22 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:16
L24	1	("20040054998").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/05 10:23
L25	1	("7155716").PN.	USPAT	OR	OFF	2007/08/05 11:15
L26	1	25 and (stor$4 memory)	USPAT	OR	OFF	2007/08/05 11:17
L27	3	tcb with priority with (task adj (id identifier))	US-PGPUB; USPAT	OR	ON	2007/08/05 11:17
L28	2	4 and 27	US-PGPUB; USPAT	OR	ON	2007/08/05 11:45
L29	21	second adj type adj priority	US-PGPUB; USPAT	OR	ON	2007/08/05 11:24
L30	13	4 and 29	US-PGPUB; USPAT	OR	ON	2007/08/05 11:24
L31	30	tcb and (((tcb memory) near3 (block position)) with priority)	US-PGPUB; USPAT	OR	ON	2007/08/05 11:46
L32	25	4 and 31	US-PGPUB; USPAT	OR	ON	2007/08/05 11:47
L33	24	32 and task	US-PGPUB; USPAT	OR	ON	2007/08/05 12:12
L34	2085	writ$4 with (memory position tcb) with priority	US-PGPUB; USPAT	OR	ON	2007/08/05 11:56
L35	13	34 and tcb	US-PGPUB; USPAT	OR	ON	2007/08/05 12:05
L36	9	4 and 35	US-PGPUB; USPAT	OR	ON	2007/08/05 11:57
L37	129	tcb and dcb	US-PGPUB; USPAT	OR	ON	2007/08/05 12:12
L38	84	37 and 4	US-PGPUB; USPAT	OR	ON	2007/08/05 12:13

EAST Search History

L39	5	38 and (priority with task)	US-PGPUB; USPAT	OR	ON	2007/08/05 12:16
L40	0	39 and deadline	US-PGPUB; USPAT	OR	ON	2007/08/05 12:13
L41	1	(priority with task).ab,ti. and tcb and (priority with writ$4 with position)	US-PGPUB; USPAT	OR	ON	2007/08/05 12:16
L42	4	(priority with task).ab,ti. and tcb and (priority with writ$4 with (memory block position))	US-PGPUB; USPAT	OR	ON	2007/08/05 12:17
L43	3	42 and 4	US-PGPUB; USPAT	OR	ON	2007/08/05 12:21
L44	49	(priority near3 tcb)	US-PGPUB; USPAT	OR	ON	2007/08/05 12:21
L45	32	(priority with task) and 44 and 4	US-PGPUB; USPAT	OR	ON	2007/08/05 12:31
L46	1	("6684280").PN.	USPAT	OR	OFF	2007/08/05 13:05
L47	1	46 and (receiv$4 with task with (id identifier))	USPAT	OR	OFF	2007/08/05 13:07
L48	1	46 and (execut$4 with task)	USPAT	OR	ON	2007/08/05 13:08
L49	1	46 and ((execut$4 with task) same (id identifier))	USPAT	OR	ON	2007/08/05 13:10
L50	1	46 and ((execut$4 with task) same priority)	USPAT	OR	ON	2007/08/05 13:44
L51	0	46 and (stor$4 with (id identifier))	USPAT	OR	ON	2007/08/05 13:44
L52	0	46 and ((stor$4 writ$4) with (id identifier))	USPAT	OR	ON	2007/08/05 13:45
L53	0	46 and ((id identifiier) with tcb)	USPAT	OR	ON	2007/08/05 13:45
L54	1	46 and tcb	USPAT	OR	ON	2007/08/05 13:49
L55	32	tcb with ((id identification identifier) near3 task)	US-PGPUB; USPAT	OR	ON	2007/08/05 13:55
L56	5	tcb with ((id identification identifier) near3 task) with priority	US-PGPUB; USPAT	OR	ON	2007/08/05 13:50
L57	4	4 and 56	US-PGPUB; USPAT	OR	ON	2007/08/05 13:54
L58	388	tcb with (link address)	US-PGPUB; USPAT	OR	ON	2007/08/05 13:57
L59	76	58 and (task with priority)	US-PGPUB; USPAT	OR	ON	2007/08/05 13:57
L60	71	4 and 59	US-PGPUB; USPAT	OR	ON	2007/08/05 13:55
L61	29	(tcb with (id identification identifier)) and 60	US-PGPUB; USPAT	OR	ON	2007/08/05 13:55

EAST Search History

L62	27	tcb with (link and address)	US-PGPUB; USPAT	OR	ON	2007/08/05 13:59
L63	5	62 and (task with priority)	US-PGPUB; USPAT	OR	ON	2007/08/05 14:00
L64	4	4 and 63	US-PGPUB; USPAT	OR	ON	2007/08/05 13:58
L65	1	(tcb with (link and address)) same priority	US-PGPUB; USPAT	OR	ON	2007/08/05 14:00
L66	32	(tcb with (link address)) same priority	US-PGPUB; USPAT	OR	ON	2007/08/05 14:00
L67	29	66 and (task with priority)	US-PGPUB; USPAT	OR	ON	2007/08/05 14:00
L68	27	67 and 4	US-PGPUB; USPAT	OR	ON	2007/08/05 14:21
L69	19	68 and (task with (id identifier identification))	US-PGPUB; USPAT	OR	ON	2007/08/05 14:21
L70	1	(US-20040054998-$).did.	US-PGPUB	OR	OFF	2007/08/05 14:42
L71	1	(US-20040054998-$).did. and (media medium wave carrier)	US-PGPUB	OR	ON	2007/08/05 14:43
L72	1	(US-20020065867-$).did.	US-PGPUB	OR	OFF	2007/08/05 14:44
L73	1	(US-20020065867-$).did. and (medium program method process)	US-PGPUB	OR	OFF	2007/08/05 14:46
L74	1	(US-20030172104-$).did.	US-PGPUB	OR	OFF	2007/08/05 14:46
L75	1	74 and (medium program method process)	US-PGPUB	OR	OFF	2007/08/05 15:23
L76	297	(kunihiko with hayashi).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/05 15:24
L77	3	76 and (priority and task).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 15:26
L78	1	("7086057").PN.	USPAT	OR	OFF	2007/08/05 15:27
L79	0	"11464864" .ap.	US-PGPUB; USPAT	OR	OFF	2007/08/05 15:28
S1	79	(priorities with (task process)).ab,ti.	USPAT	OR	OFF	2007/08/05 10:03

S4	86932	((id identifier tcb dcb) with (task process))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:30
S5	6126	(priorities with (task process)).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:39
S6	27236	(task process) with (deadline (complet$4 near3 time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:32
S7	389	(type near2 priority) with (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:33
S8	307171	(mobile cell) with (phone telephone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:33
S9	132	wcet (worst$1case with execution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:34
S10	22844912	@ad<"20020726"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:34
S11	1938	718/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:34

S12	1527	718/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:34
S13	621	718/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:35
S14	3551	S11 S12 S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:35
S15	1	S5 and S7 and S6 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:35
S16	1	S7 and S6 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:36
S17	5	S1 and S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:36
S18	5	S10 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:36
S19	4	S14 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:36

S20	50	S5 and tcb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:39
S21	9	S10 and S14 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:42
S22	389	(priority near2 type) with (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:52
S23	3	S22 and tcb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:46
S24	2	S10 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:43
S25	290	(second adj priority) with (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:46
S26	2	S25 and tcb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:46
S27	1	S10 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:46

S28	157	(priority adj type) same (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:52
S29	0	S28 and tcb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:52
S30	70	(priority adj type) with (task process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:53
S31	36	S10 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:57
S32	0	S31 and deadline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:57
S33	0	S31 and wcet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:57
S34	13	priority with (deadline and hierarchy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:58
S35	4	S10 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:59

EAST Search History

S36	3	(task with priority) and deadline and tcb and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 23:59
S37	1	(US-20030172104-$).did.	US-PGPUB	OR	OFF	2007/08/04 22:44
S38	1	("7155716").PN.	USPAT	OR	OFF	2007/08/04 22:45
S39	1	S38 and (priority with type)	USPAT	OR	ON	2007/08/04 23:07
S40	704	(priority with deadline)	US-PGPUB; USPAT	OR	ON	2007/08/04 23:10
S41	27287	(task process) with (deadline (complet$4 near3 time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 23:10
S42	377	S40 and S41	US-PGPUB; USPAT	OR	ON	2007/08/04 23:11
S43	22845224	@ad<"20020726"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 23:11
S44	202	S42 and S43	US-PGPUB; USPAT	OR	ON	2007/08/04 23:11
S45	19	S44 and (task with (id identifier))	US-PGPUB; USPAT	OR	ON	2007/08/04 23:15
S46	12	S45 and priorities	US-PGPUB; USPAT	OR	OFF	2007/08/04 23:15
S47	4	S46 and (wcet (worst$1case))	US-PGPUB; USPAT	OR	OFF	2007/08/04 23:29
S48	10647	set adj3 priority	US-PGPUB; USPAT	OR	ON	2007/08/04 23:29

IEEE *Xplore* ®
RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ **Search Session History**   BROWSE   SEARCH   IEEE XPLORE GUIDE

Sun, 5 Aug 2007, 3:18:37 PM EST

Edit an existing query or
compose a new query in the   **Search Query Display**
Search Query Display.

**Select a search number (#)
to:**

- Add a query to the Search   **Recent Search Queries**
  Query Display
- Combine search queries   **#1**   (executing tasks<and> (priority types<in>ab))<and>deadline
  using AND, OR, or NOT
- Delete a search   **#2**   ((tcb and deadline and task and priority)<in>metadata)
- Run a search
                                #3   ((task and priority)<in>metadata)

                                #4   ((~~priority type~~ and task)<in>metadata)

                                #5   ((task and deadline and priority)<in>metadata)

                                #6   ((~~task id~~ and priority and deadline)<in>metadata)

                                #7   task and wcet and priority

                                #8   ((task and priority<in>ab) <and>deadline or wcet or tcb)

                                #9   ((task and priority<in>ab) <and>deadline or wcet or tcb) .

                                #10   ((task and deadline and priority<in>ab) <and>(id or identifier or
                                             wcet))

                                #11   ((task and deadline and priority<in>ab) <and>(id or identifier or
                                             wcet))

                                #12   tcb and dcb and priority and task

Indexed by
🔲 Inspec®

⊙ ip.com   IP.com **PriorArtDatabase**

August 05, 2007   USPTO

Search

Full Text

Concept

Document ID

Recent Disclosures

Other

Prior Art Home

Support

Logout

Displaying records #1 through 10 out of 500
(search stopped at 500 hits)

Result # 1   Relevance: ◯

Fluctuating Control Processing to Schedule Tasks on a Parallel Proces

1973-09-01   IPCOM000079768D   English

The Fluctuating Control Principle is based on the assumption that a hierarchical structur
imposed on a program: Essentially, the structure of a program is considered to be a tre
describing one syntactic unit.

Result # 2   Relevance: ◯

**Enhanced Error Recovery in a Virtually Addressed System Employing]
Reserve of Real Units**

1975-07-01   IPCOM000083653D   English

Common memory apparatus is shared between a plurality of host CPU's, for example, (
CPU-Y. Each host has its own virtual unit address space which may vary in size from CF
Additionally, each CPU has a name for data sets, or virtual volumes, which are ...

Result # 3   Relevance: ◯

Computer System

1963-07-01   IPCOM000096552D   English

This computer system is organized to reduce memory access time, and also to reduce t
times information must be put in and taken out of memory in order to process data. Th
includes a plurality of memory units 1, 2 and 3 which have independent access ...

Result # 4   Relevance: ◯

Multiprocessing System Memory Access Queue and Scheduling Appar

1992-05-01   IPCOM000108323D   English

This article provides a fast and efficient scheme to schedule processor memory request
multiprocessing system for access to a central memory directory and multiported interl·
memory. This scheme provides the capability to handle signal memory accesses ...

Result # 5   Relevance: ◯

Swapping Memory using Complete Programs

1995-12-01   IPCOM000117105D   English

A method to reduce thrashing while running large programs is disclosed. The program i
one unit, even if it spans multiple segments in memory.

Result # 6   Relevance: ◯

Method of Scheduling of Processing and Response Time

1977-03-01   IPCOM000087748D   English

A task is the performance of some function through execution of a sequence of instruct
of instructions is called processing (P). The units of P are normalized instructions. A nor
instruction represents some amount of CPU time. It is said that P is ...

Result # 7   Relevance: ◯

System Organization for Execution of Parallel Operations in Algebraic

1964-05-01   IPCOM000095684D   English

The system is a generalized machine organization for the execution of parallel operatioi
statements. There are included an indefinite number of processor s PROC 1... PROC N a
indefinite number of core memory units M1... MK as well as a Bus system ...

Result # 8   Relevance: ○

Dynamic Memory for Program Staging

1971-04-01   IPCOM000074389D   English

This system provides hardware assisted program staging (I/O initiated rollin/rollout) to
memory subsystem. The basic system configuration is seen in drawing A. Central proce
connected via bus 3 to main storage 5. The main storage is also connected ...

Result # 9   Relevance: ○

Execution Unit Synchronization and Cancel

1982-10-01   IPCOM000050373D   English

This article describes a method for interrupting program execution on a cooperative (nc
basis such that a suspended execution unit may be terminated even though the suspen
unit is awaiting a pending event. This is done in such a manner that a ...

Result # 10   Relevance: ○

Intrinsically Actuated Real Unit Operations for Virtual Unit Addressinç

1975-04-01   IPCOM000083121D   English

Common memory apparatus shared by a plurality of host CPU's, each host having an in
of virtual address spaces, require memory-actuated operations on real disk type memo
supporting the independent virtual addressing. Each host has independently ...

Displaying page 1 of 50   << FIRST | < BACK | NEXT > | LAST >>

Search Provided is a program execution apparatus that appropriately determines an ⵊ
query: sequence of tasks each given a target completion time before which executioı
            be completed, and executes the tasks according to the determined execution
            each task a plurality of types of priorities having a hierarchical relationship an
            The apparatus includes: a storing unit that stores an identifier of each task th
            existence, at a memory position therein determined based upon a plurality of
            set for each task; a receiving unit that receives an identifier of a new task, an
            types of priorities set for the new task; and a writing unit that writes the rece
            memory position in the storing unit determined based upon the received plurᴀ
            priorities.

New search | Modify this search